FIG. 1A

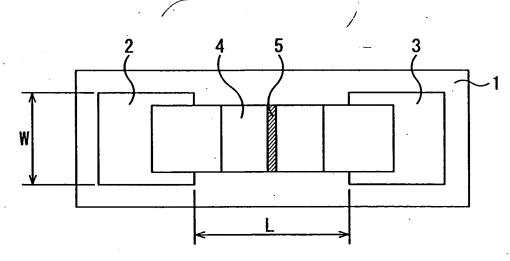
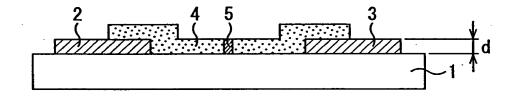
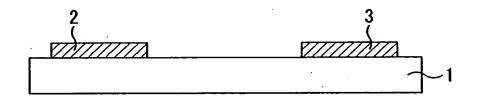


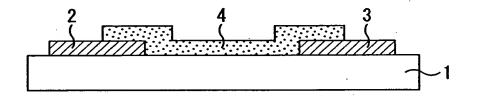
FIG. 1B



# FIG. 2A



# FIG. 2B



# FIG. 2C

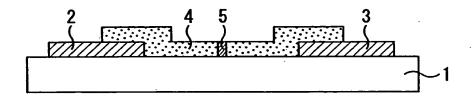


FIG. 3A

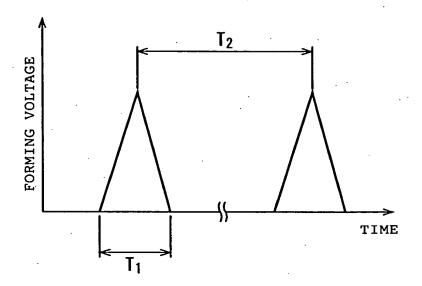


FIG. 3B

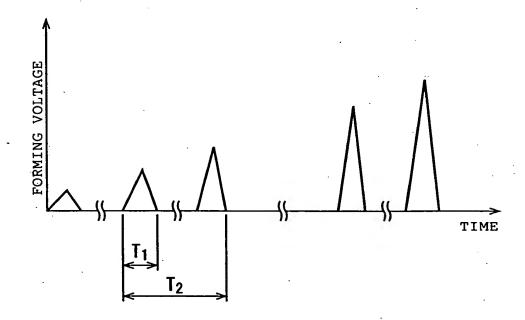


FIG. 4

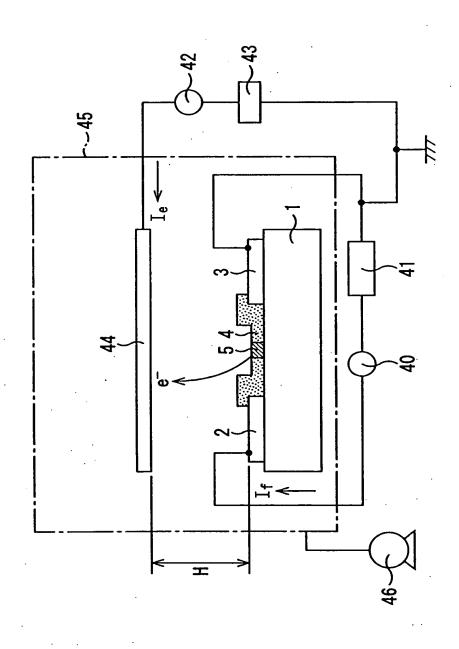
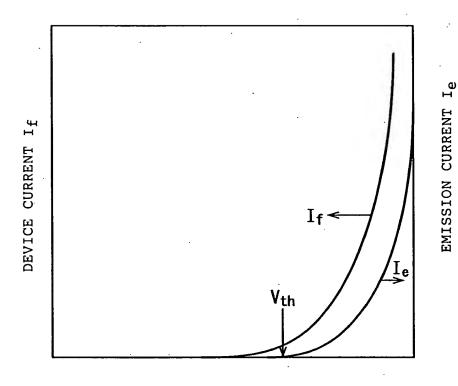


FIG. 5



DEVICE VOLTAGE Vf

FIG. 6

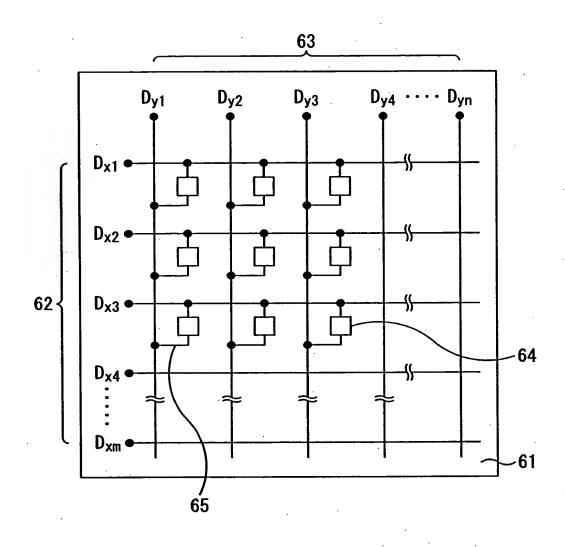


FIG. 7A

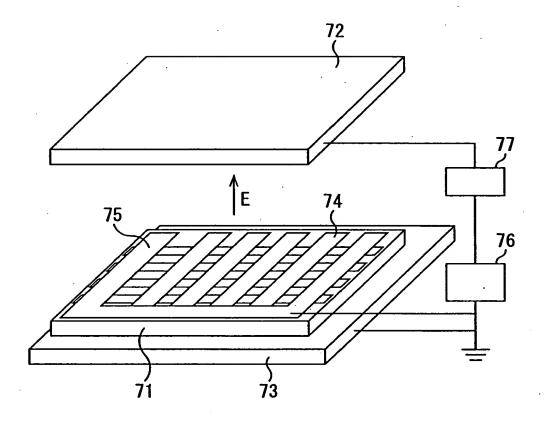
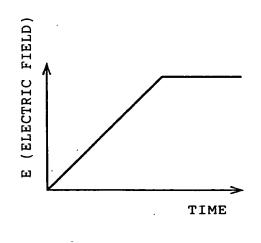


FIG. 7B



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FIG. 8

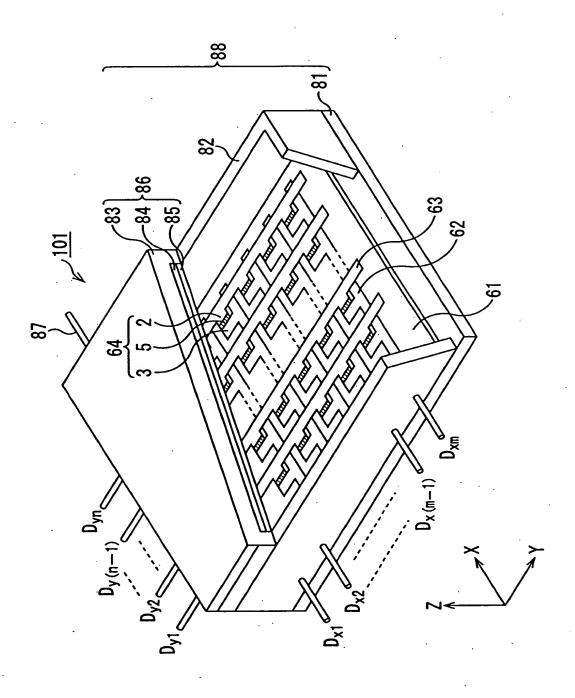


FIG. 9A

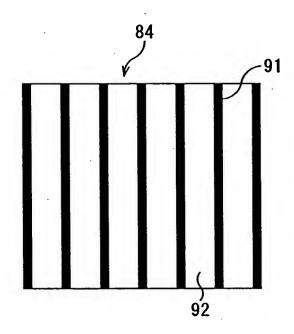


FIG. 9B

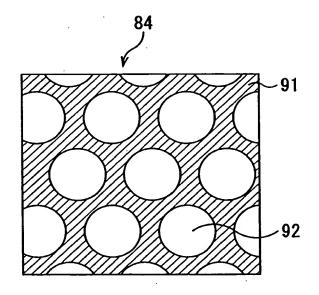


FIG. 10

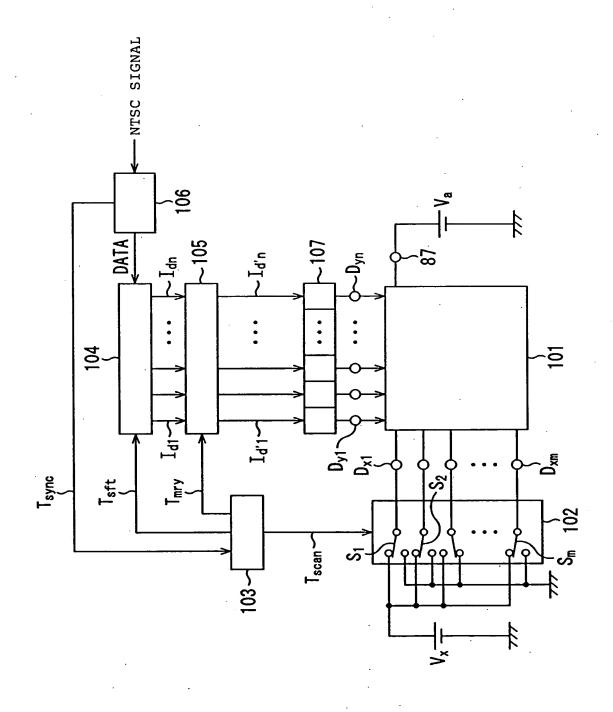


FIG. 11

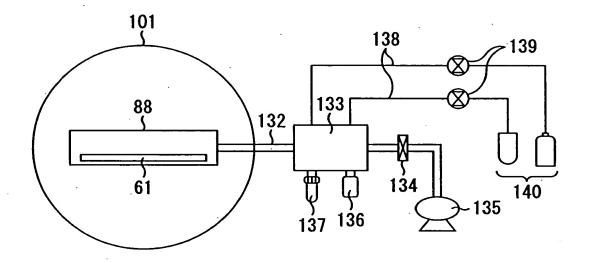
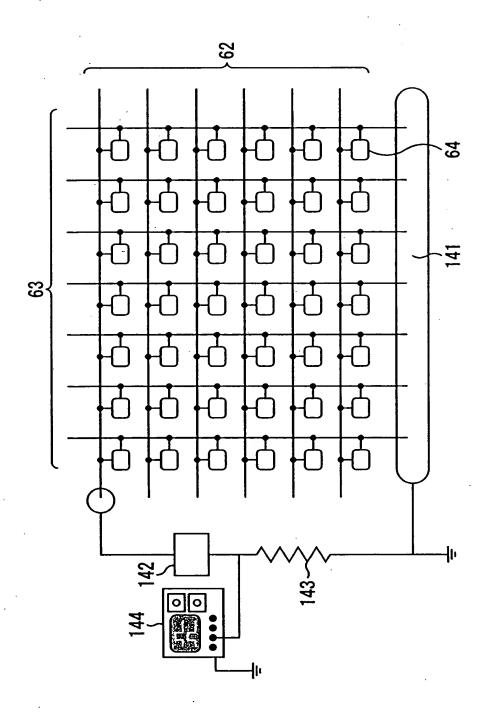


FIG. 12



**FIG.** 13

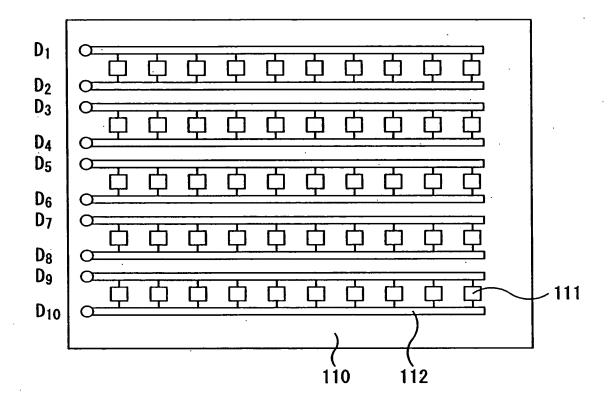
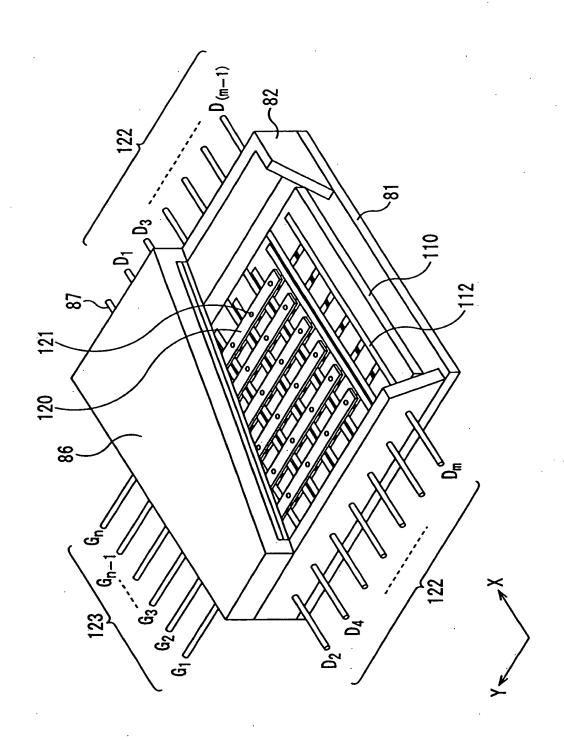
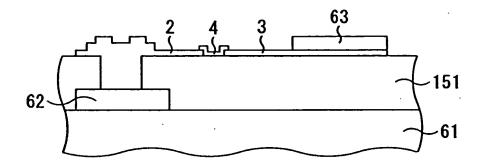


FIG. 14



# FIG. 15



### FIG. 16A



FIG. 16B

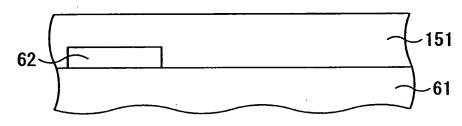


FIG. 16C

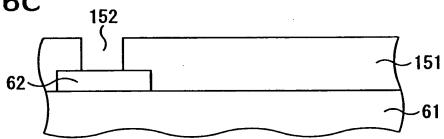
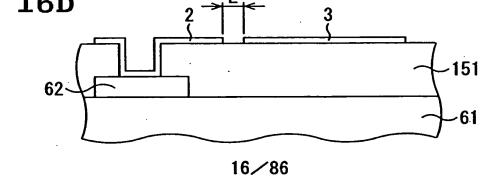
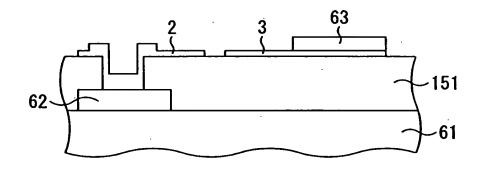


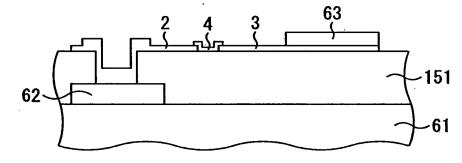
FIG. 16D



### FIG. 17E



# FIG. 17F



### FIG. 17G

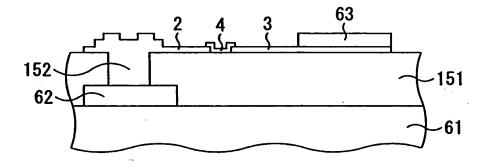


FIG. 18

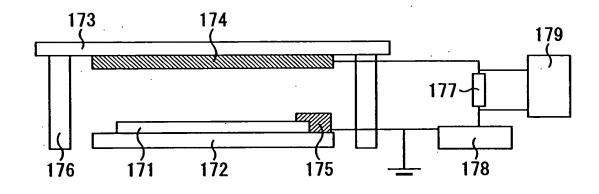


FIG. 19

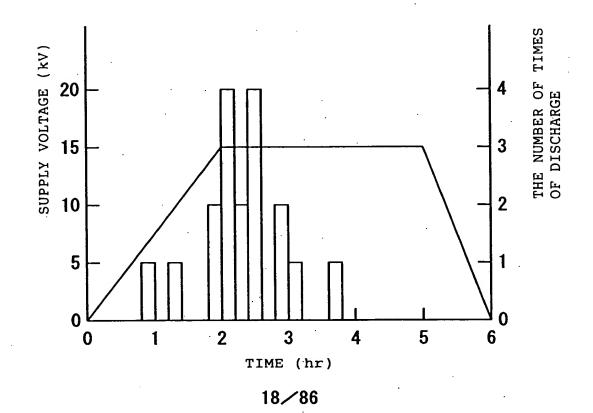


FIG. 20

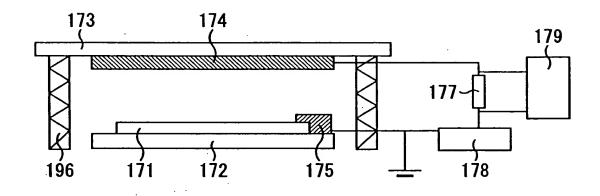
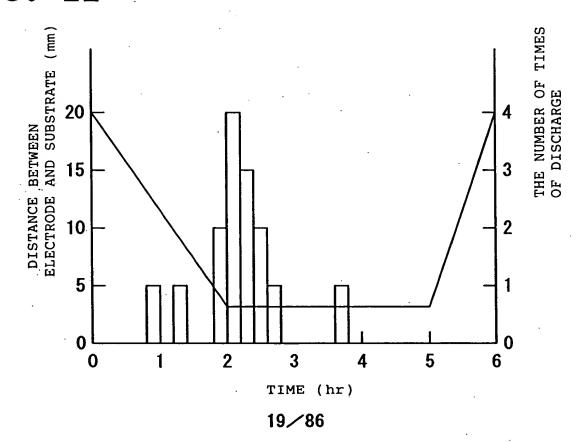


FIG. 21



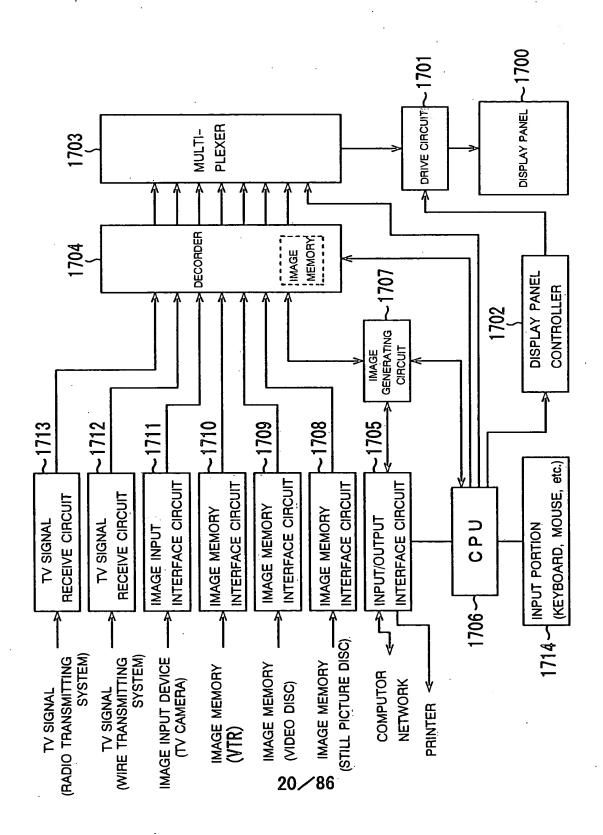


FIG. 23

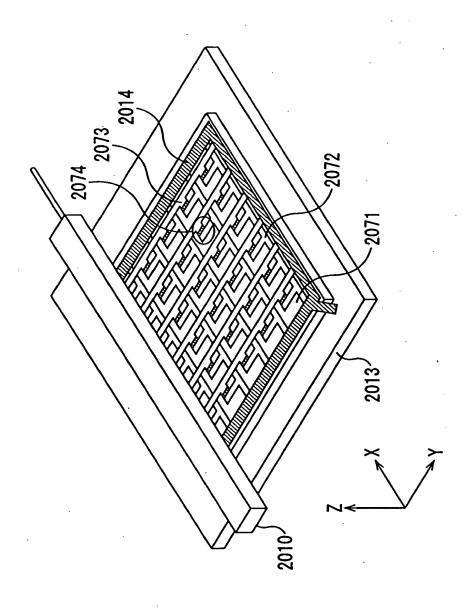


FIG. 24

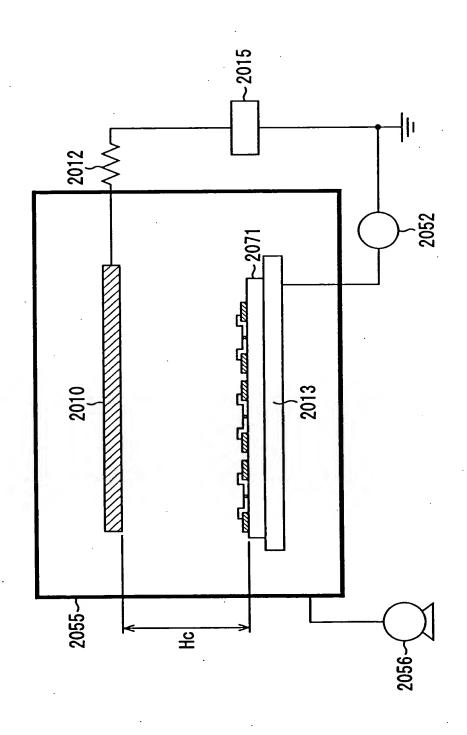


FIG. 25

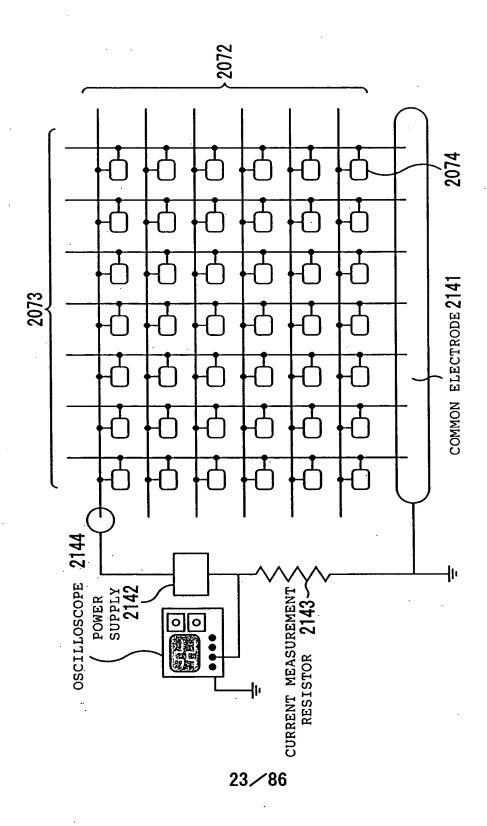


FIG. 26

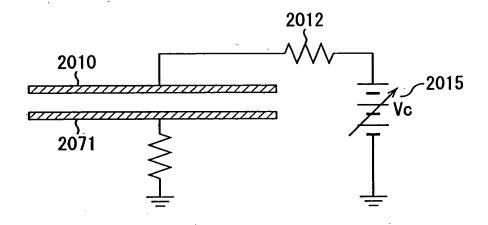


FIG. 27

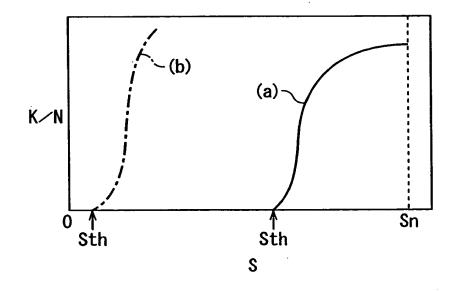


FIG. 28

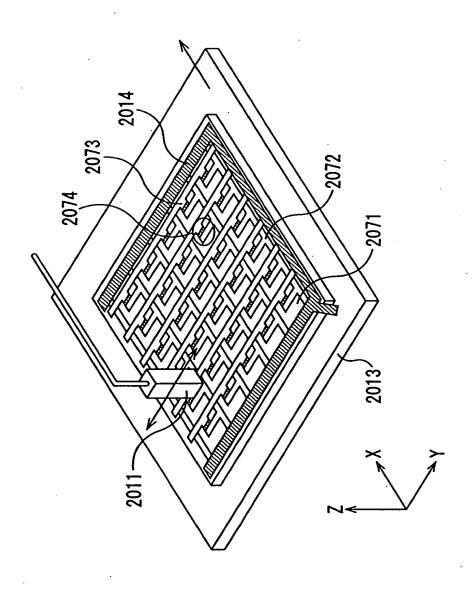


FIG. 29

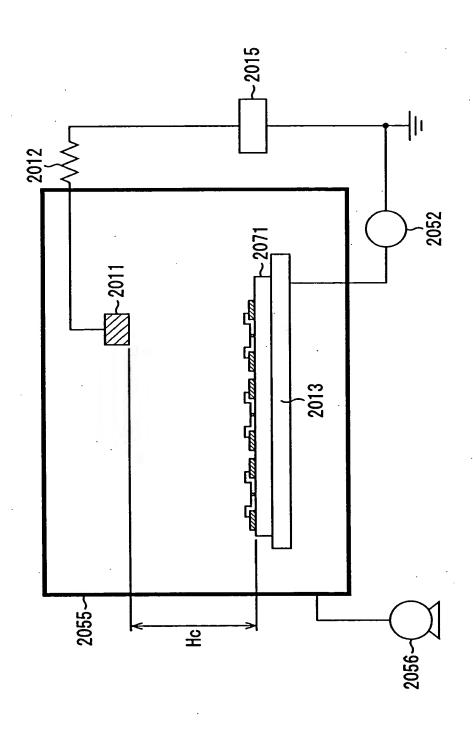
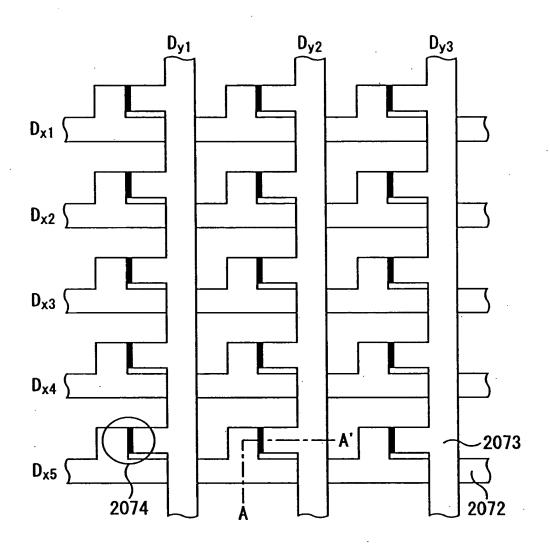
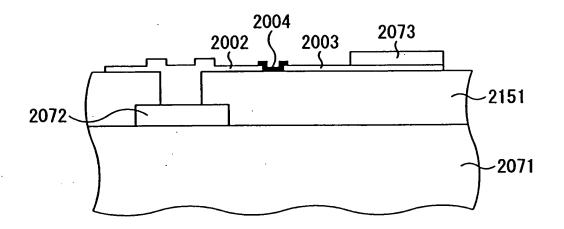


FIG. 30



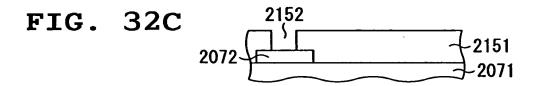
# FIG. 31

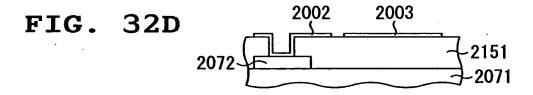


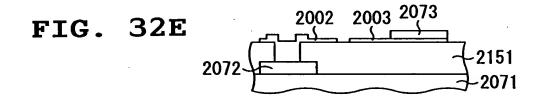
#### FIG. 32A

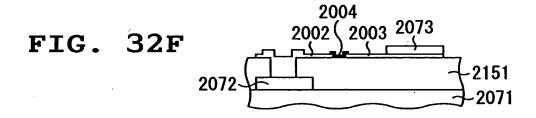


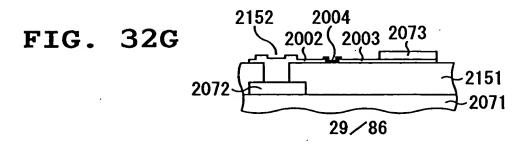












#### FIG. 33A

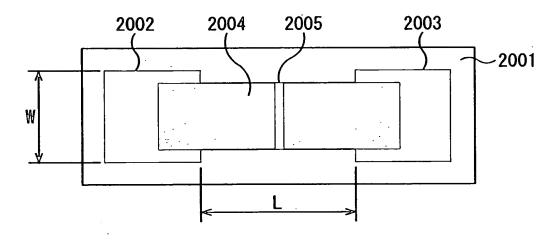


FIG. 33B

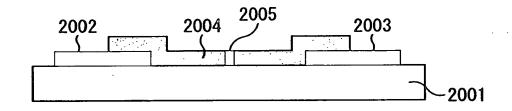
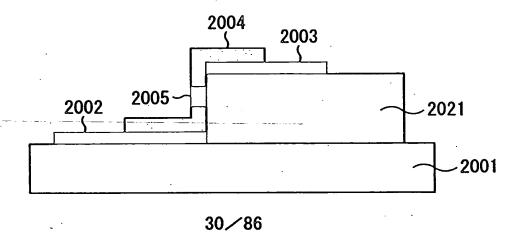
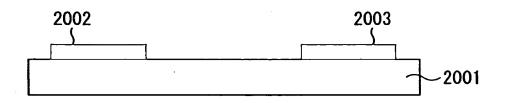


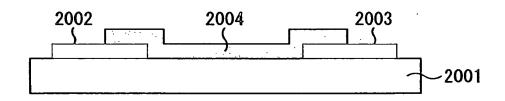
FIG. 34



#### FIG. 35A



#### FIG. 35B



### FIG. 35C

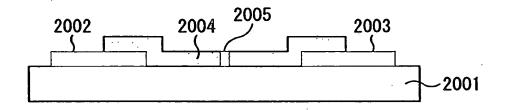


FIG. 36A

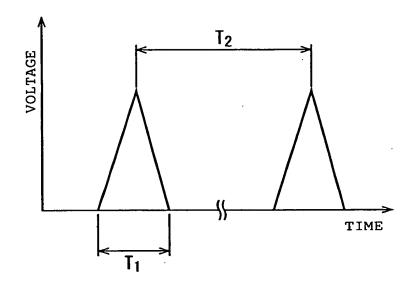


FIG. 36B

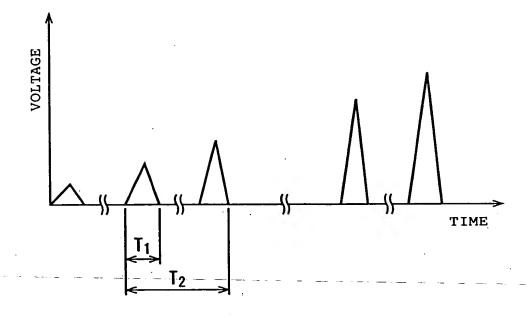


FIG. 37

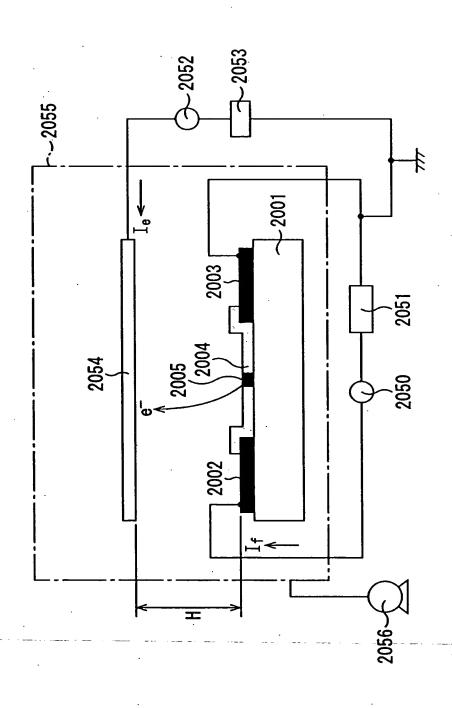
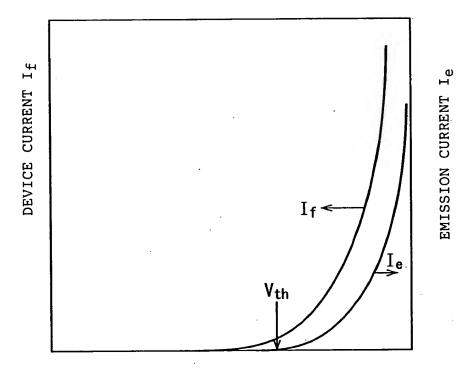


FIG. 38



DEVICE VOLTAGE V<sub>f</sub>

FIG. 39

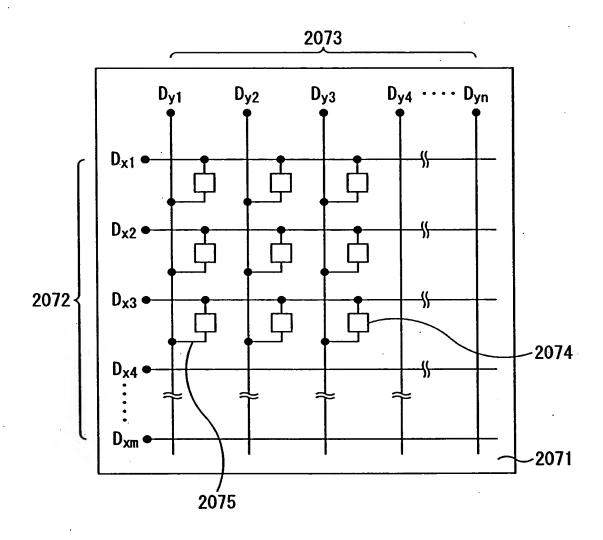
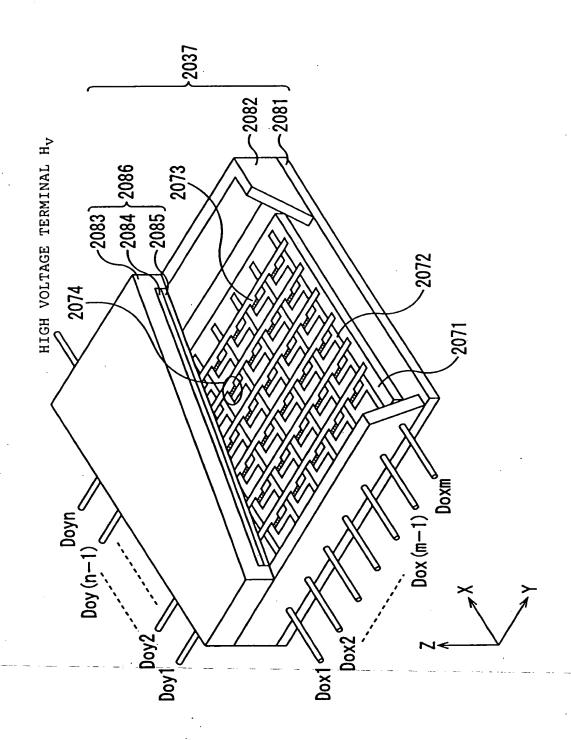


FIG. 40



#### FIG. 41A

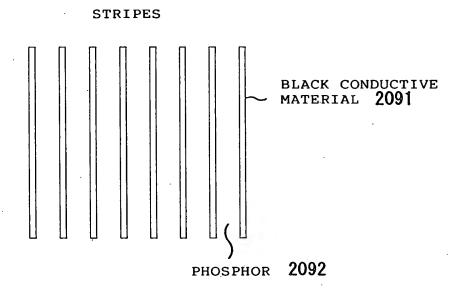


FIG. 41B

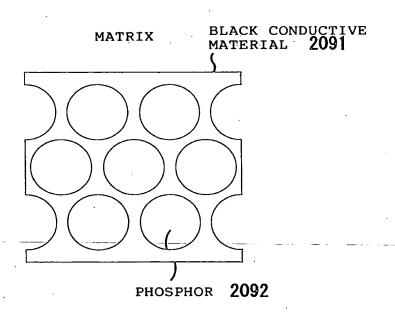


FIG. 42

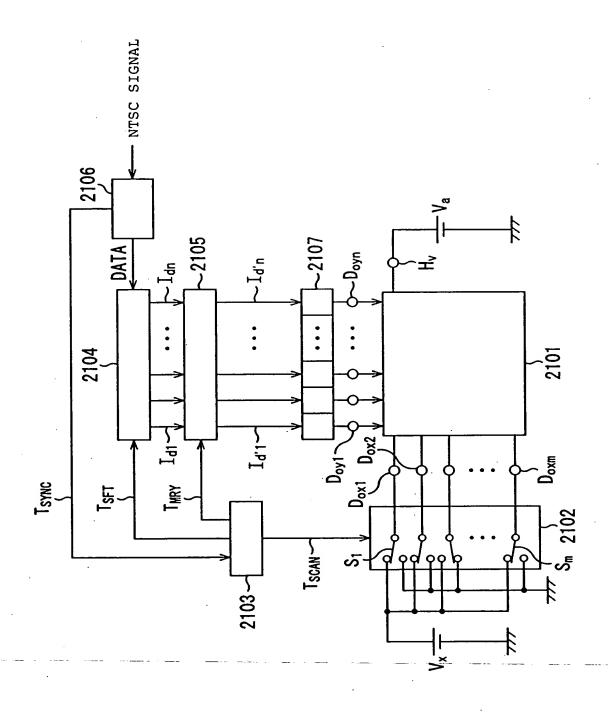


FIG. 43

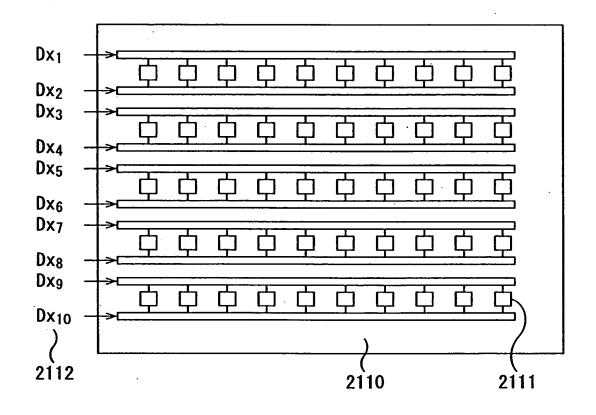
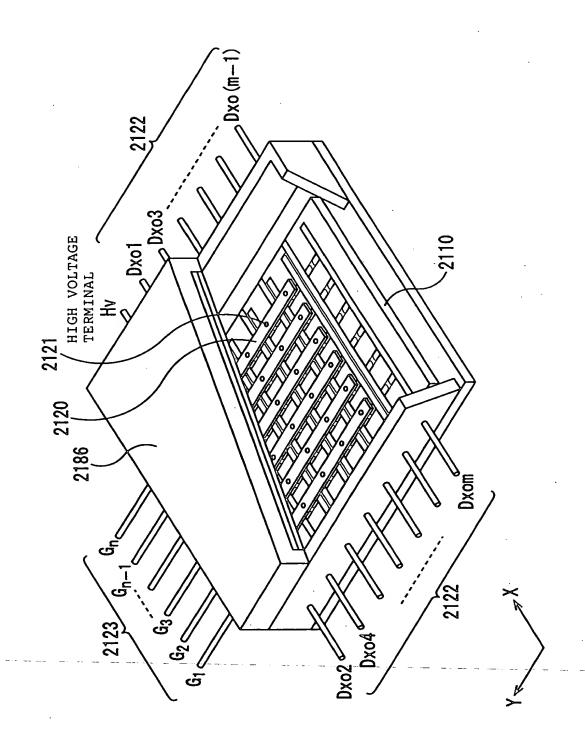


FIG. 44



45 FIG. (VOLTAGE VALVE, MASS FLOW CONTROLLER) GAS INTRODUCTION CONTROLL APPARATUS INTRODUCED MATERIAL 2140 SOURCE APPARATUS 2135 GAS CYLINDER **EXHAUST** AMPOULE 2134 GATE VALVE GAS INTRODUCTION Q-mass 2137 LINE 2138 PRESSURE GAUGE 2136 VACUUM CHAMBER 2133 EXHAUST TUBE 2131 2132 IMAGE DISPLAY ELECTRON SOURCE **APPARATUS** SUBSTRATE 2071 ENVELOPE 2088

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FIG. 46

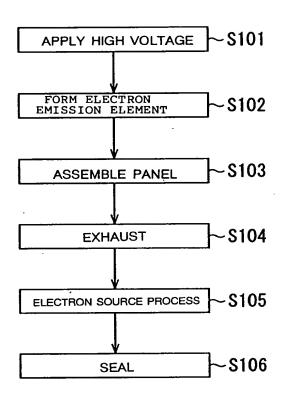


FIG. 47

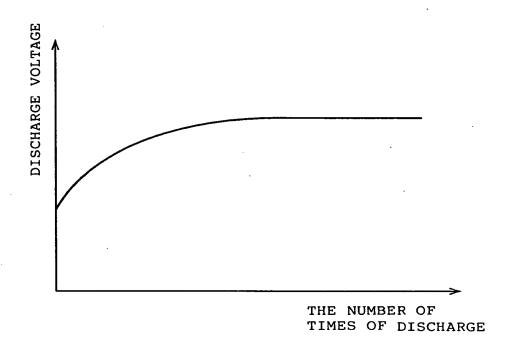


FIG. 48

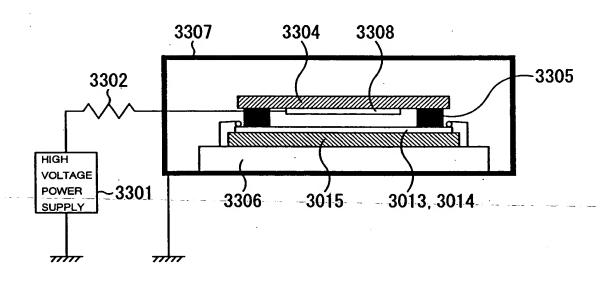


FIG. 49

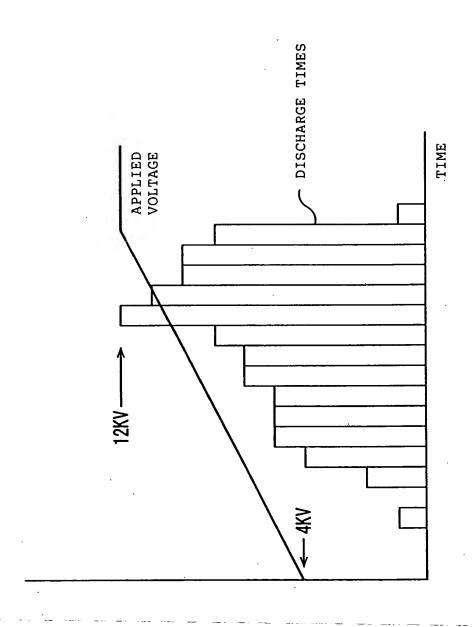


FIG. 50

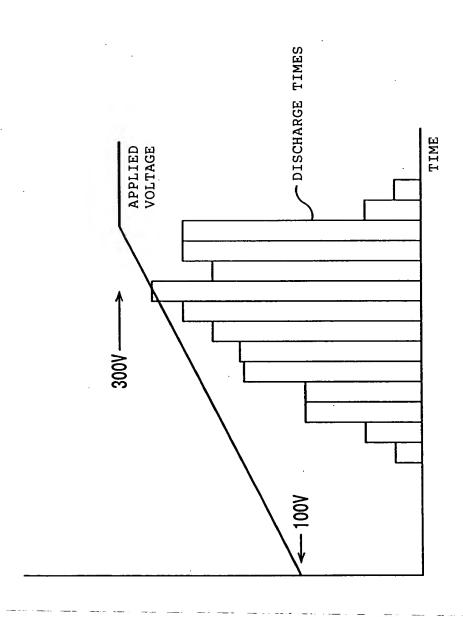


FIG. 51

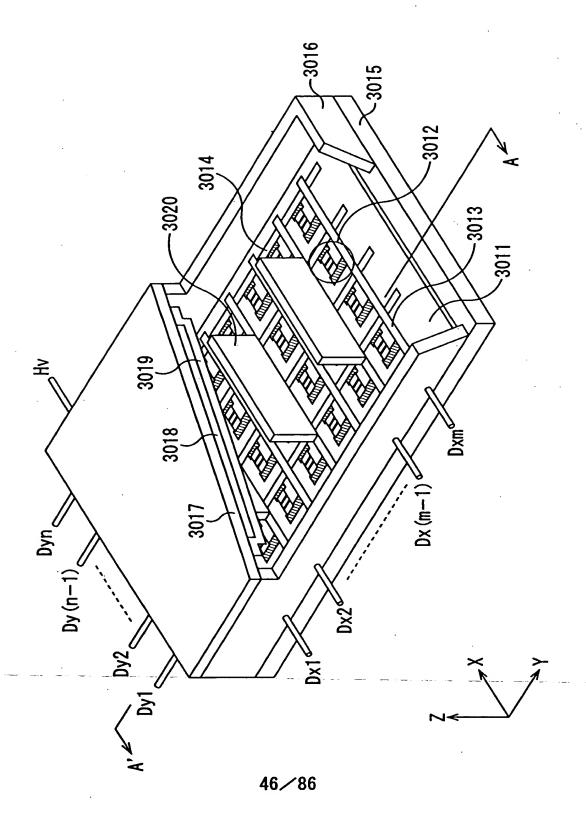


FIG. 52

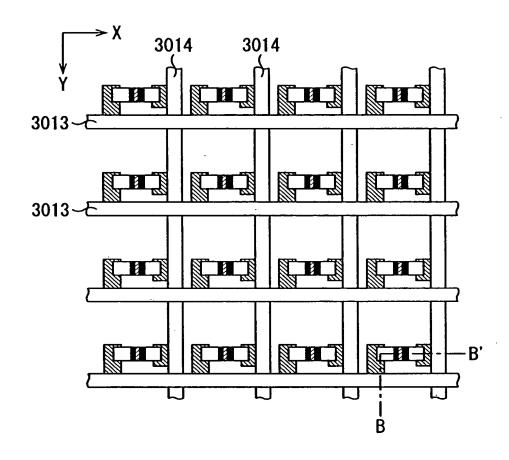
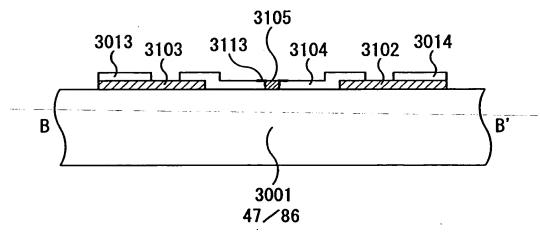


FIG. 53



#### FIG. 54A

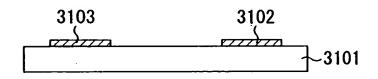


FIG. 54B

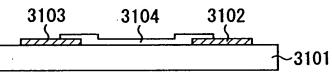


FIG. 54C

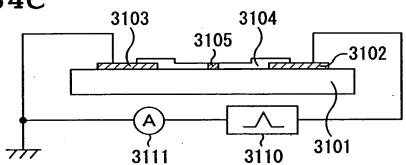
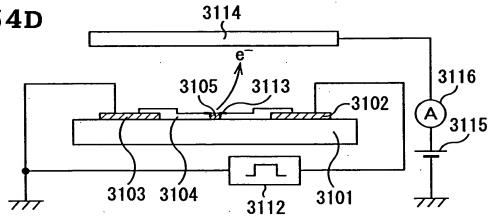
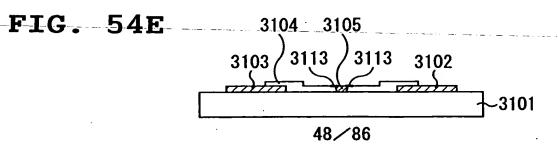
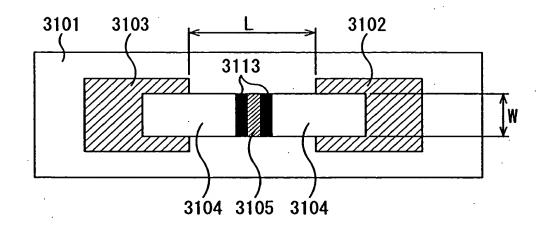


FIG. 54D





# FIG. 55A



# FIG. 55B

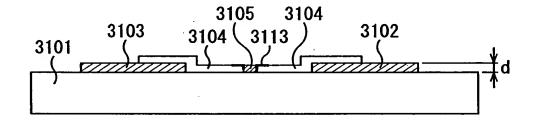


FIG. 56

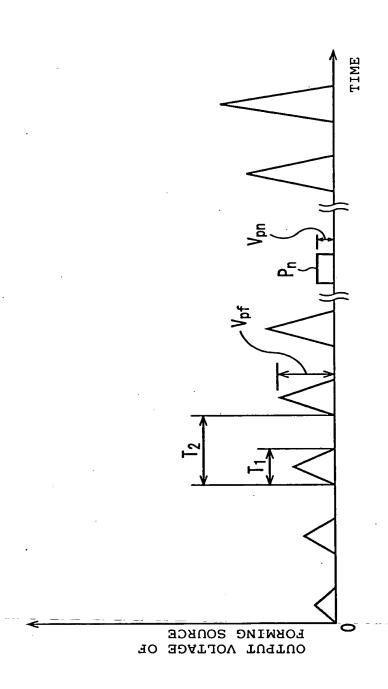


FIG. 57A

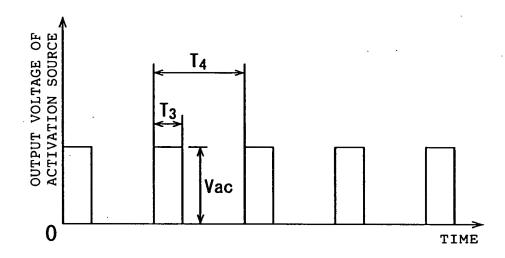


FIG. 57B

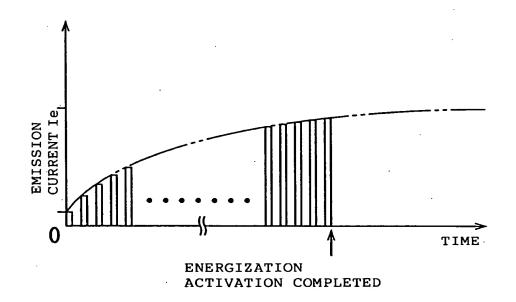
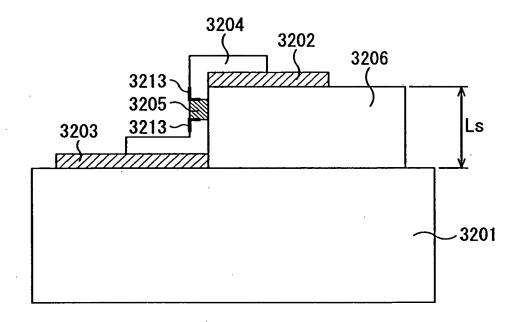


FIG. 58



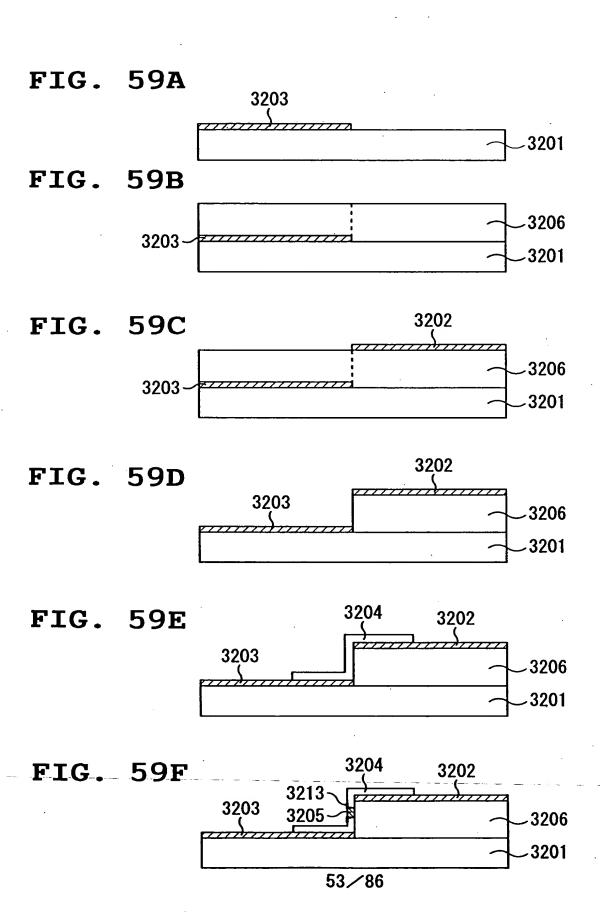


FIG. 60

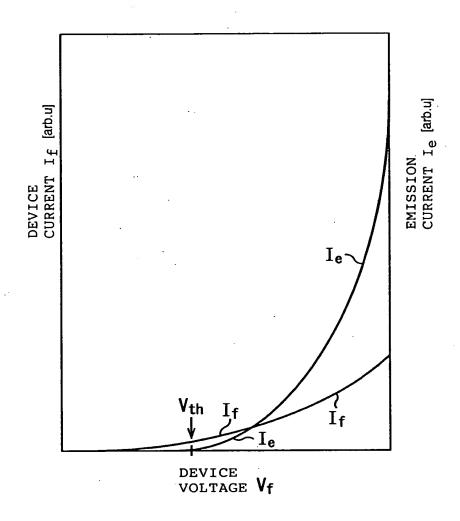


FIG. 61A

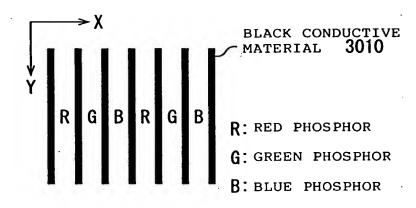


FIG. 61B

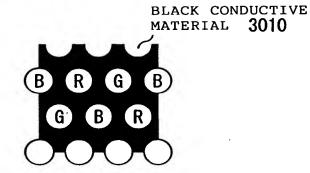


FIG. 61C

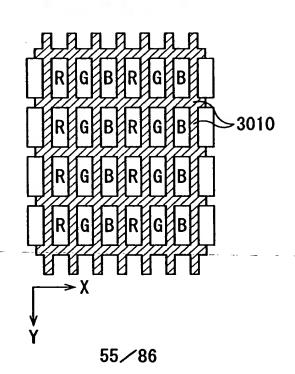


FIG. 62

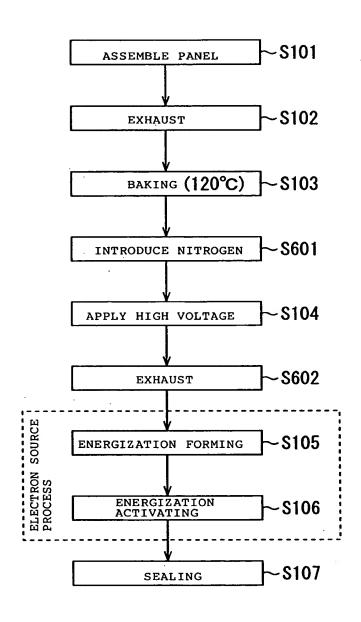


FIG. 63

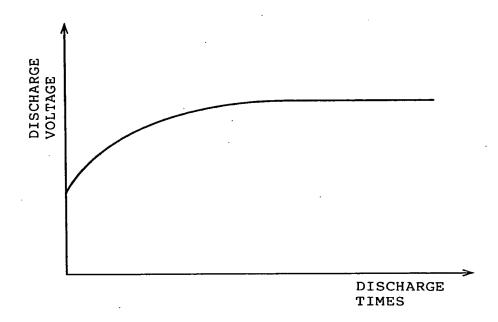


FIG. 64

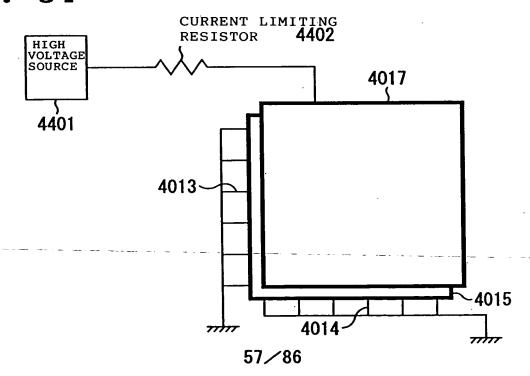


FIG. 65

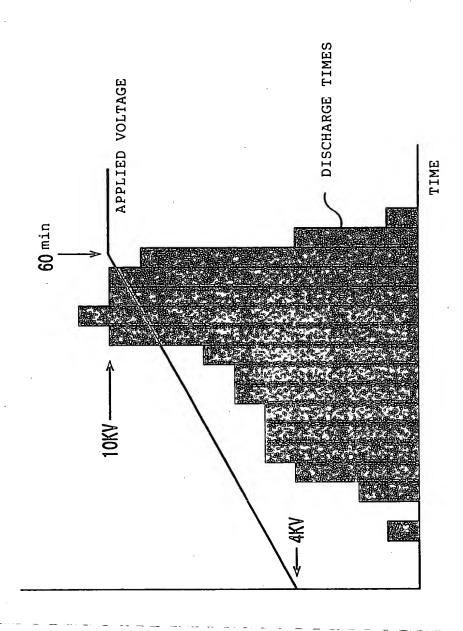


FIG. 66

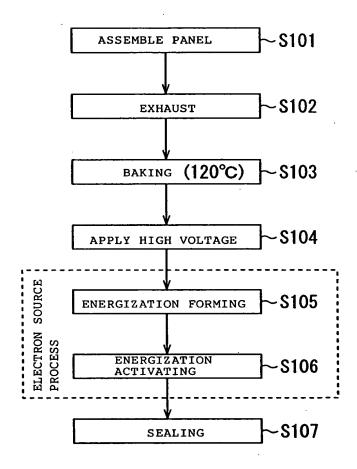


FIG. 67

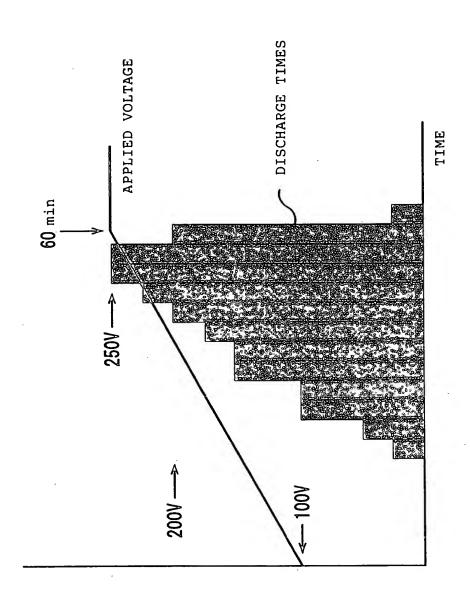


FIG. 68

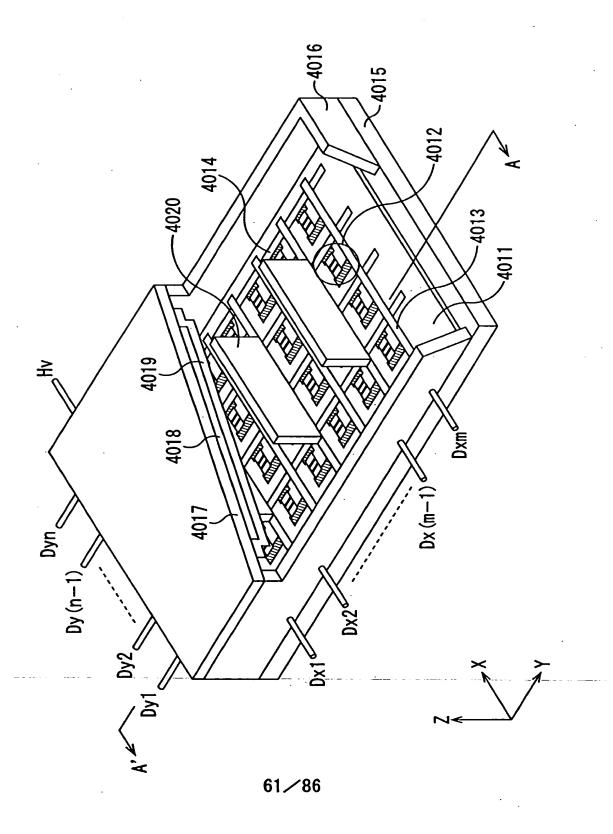


FIG. 69

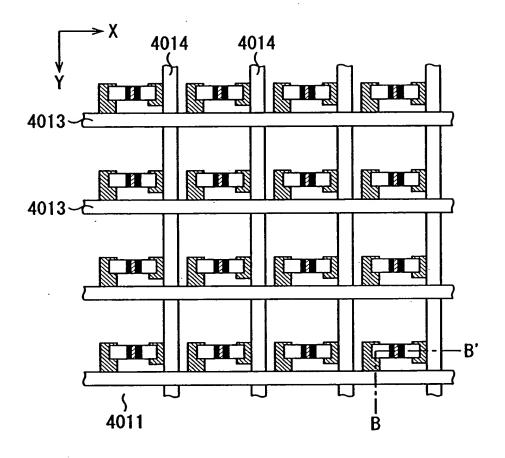


FIG. 70

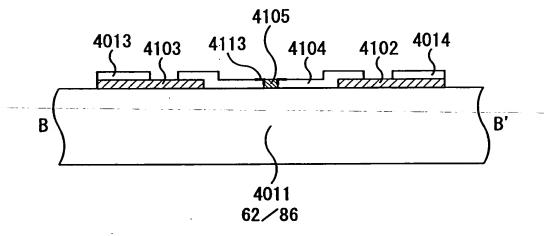
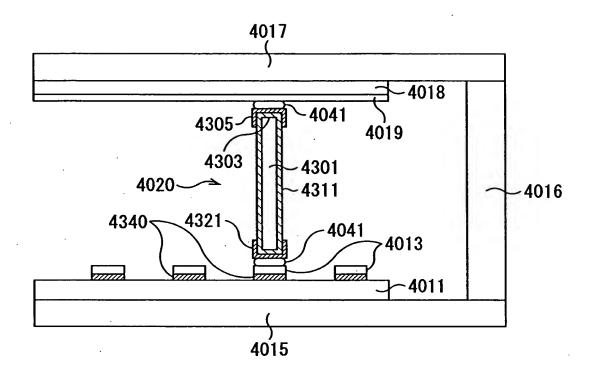
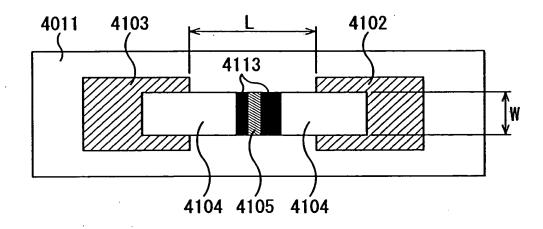


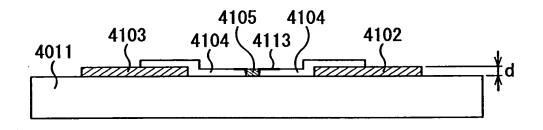
FIG. 71



### FIG. 72A



# FIG. 72B



#### FIG. 73A

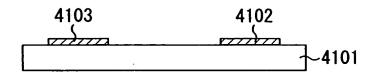


FIG. 73B

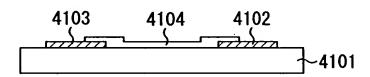


FIG. 73C

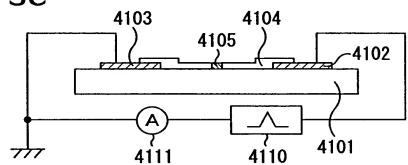


FIG. 73D

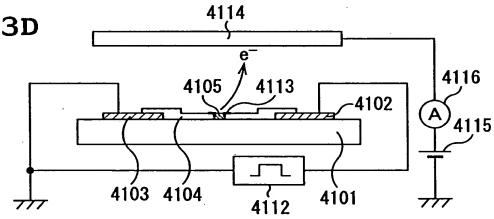


FIG. 73E

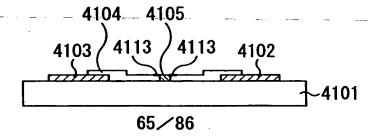


FIG. 74

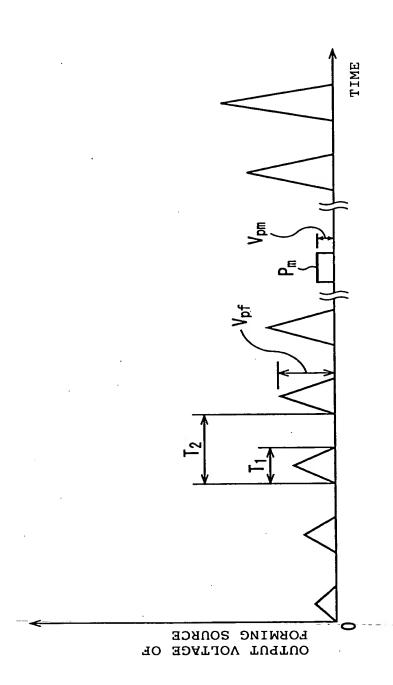


FIG. 75A

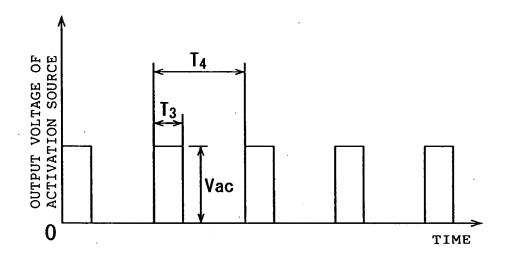


FIG. 75B

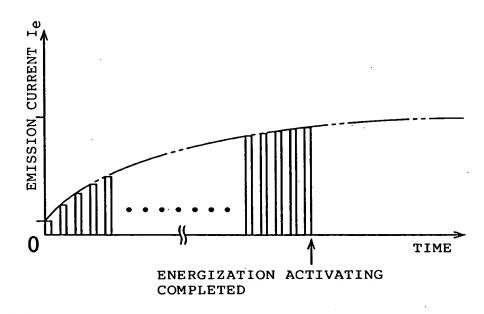
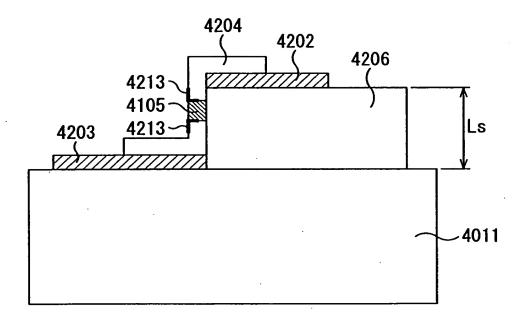


FIG. 76



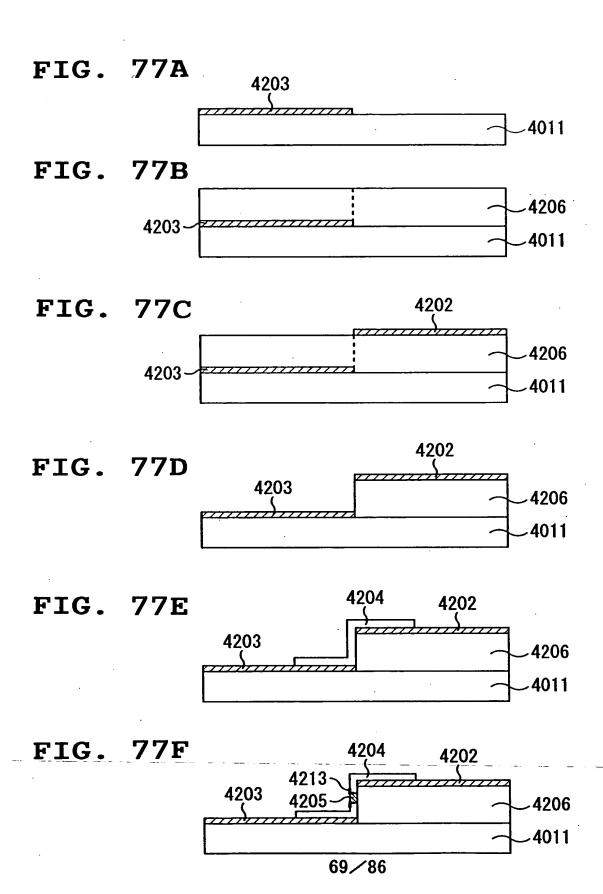


FIG. 78

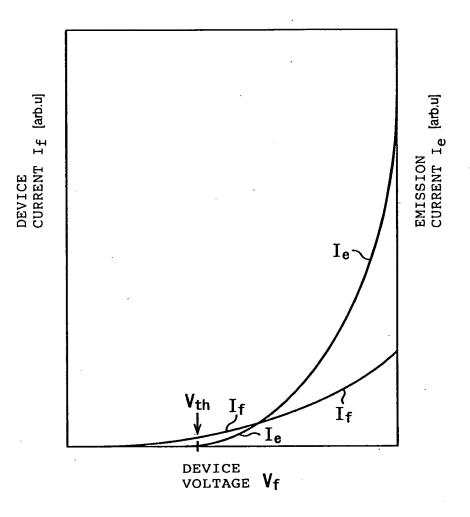


FIG. 79

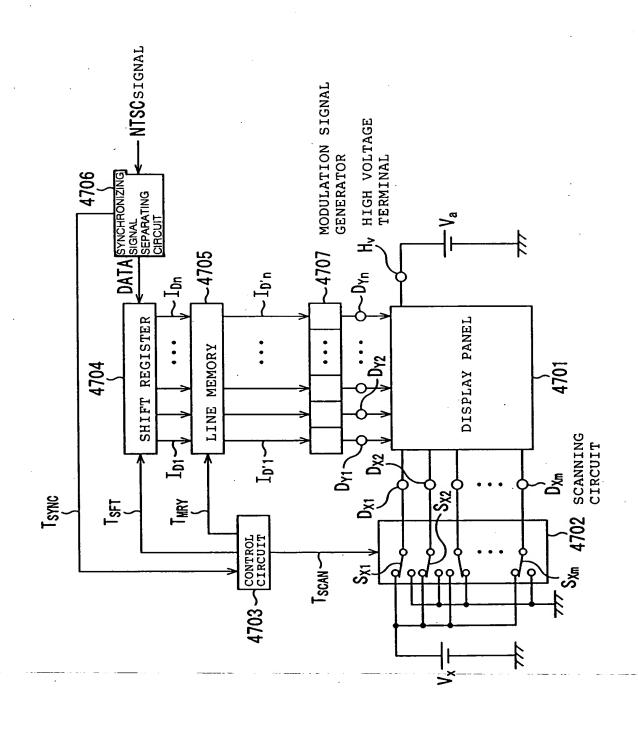
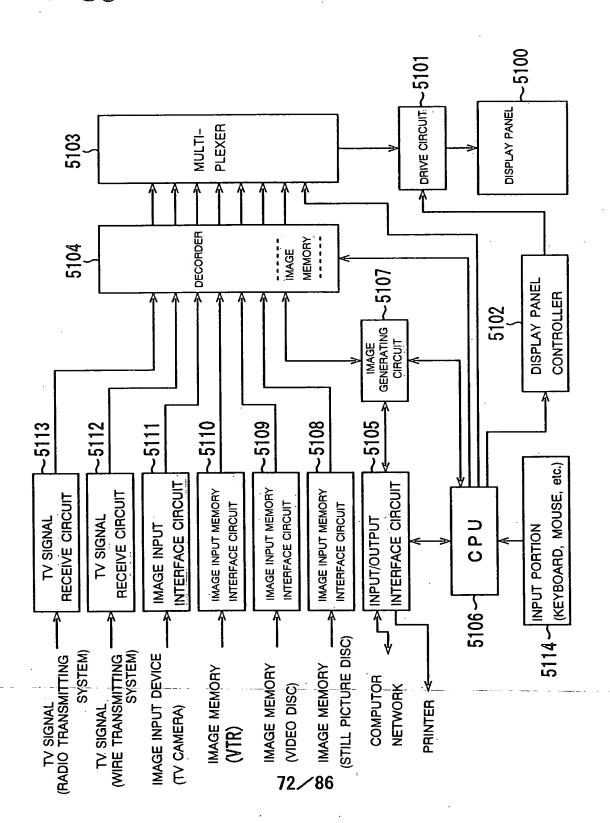


FIG. 80



#### FIG. 81A

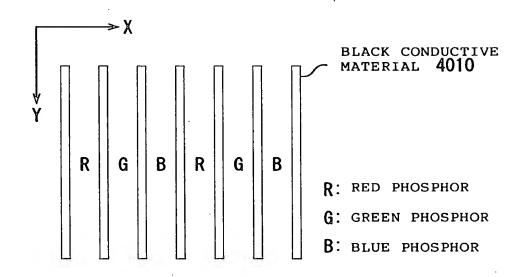


FIG. 81B

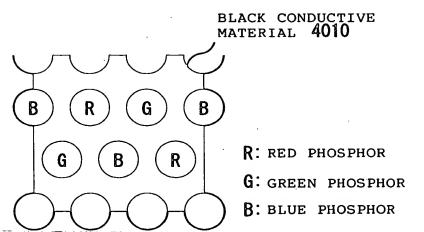
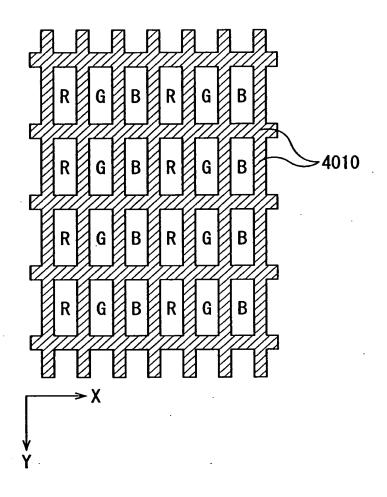
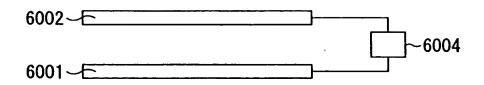


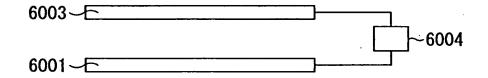
FIG. 82



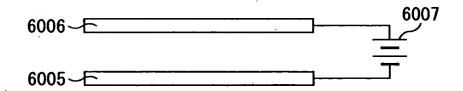
#### FIG. 83A



### FIG. 83B



## FIG. 84



# FIG. 85

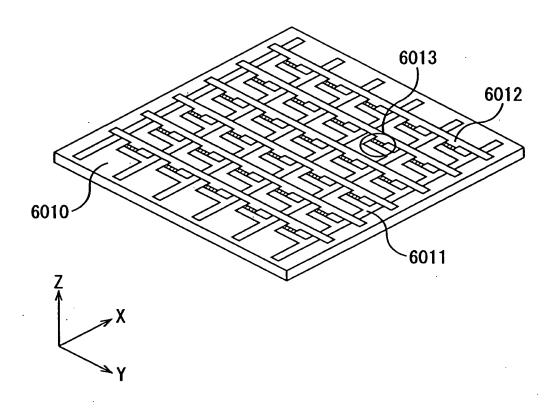
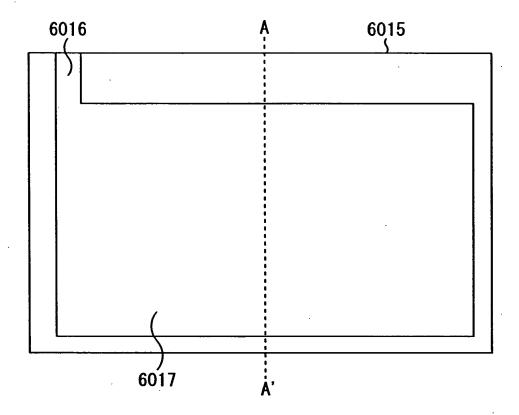
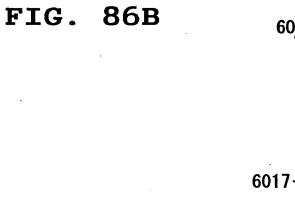


FIG. 86A





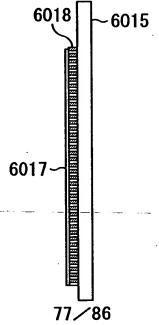


FIG. 87

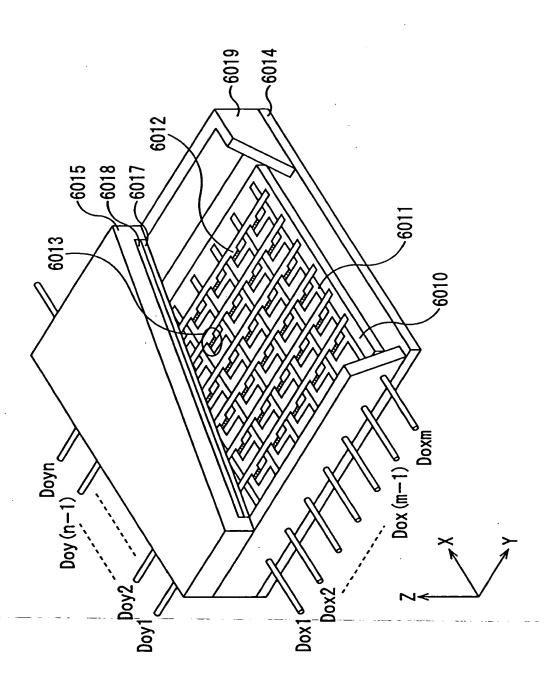


FIG. 88

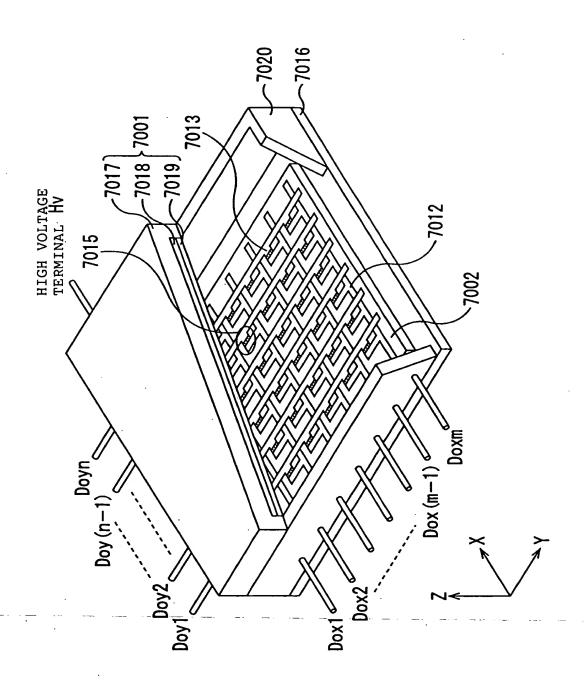


FIG. 89

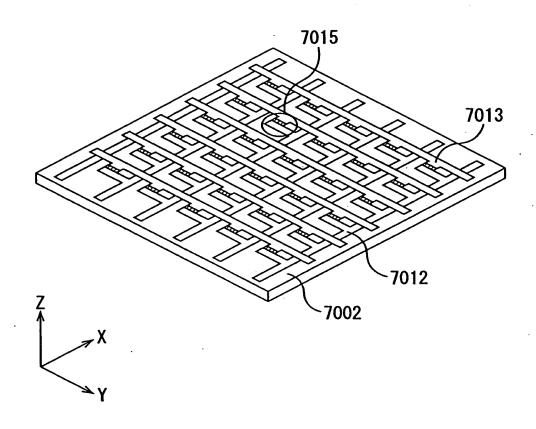


FIG. 90A

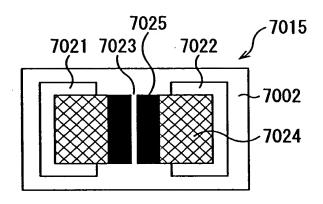


FIG. 90B

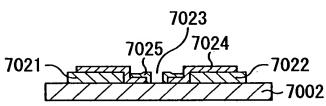


FIG. 91

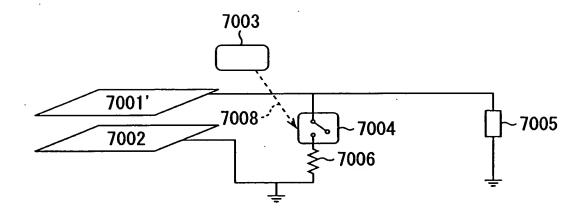


FIG. 92

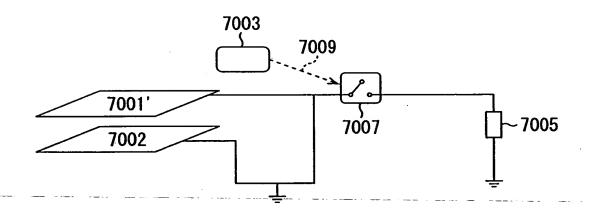


FIG. 93

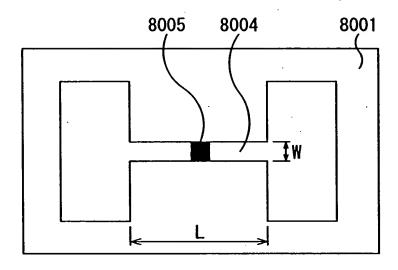


FIG. 94

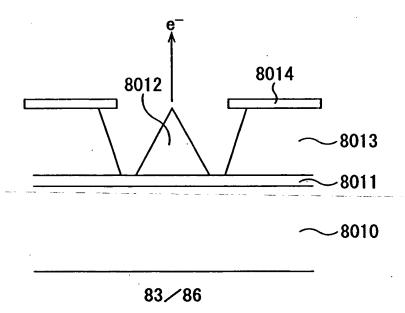


FIG. 95

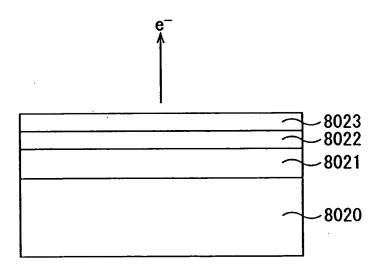


FIG. 96

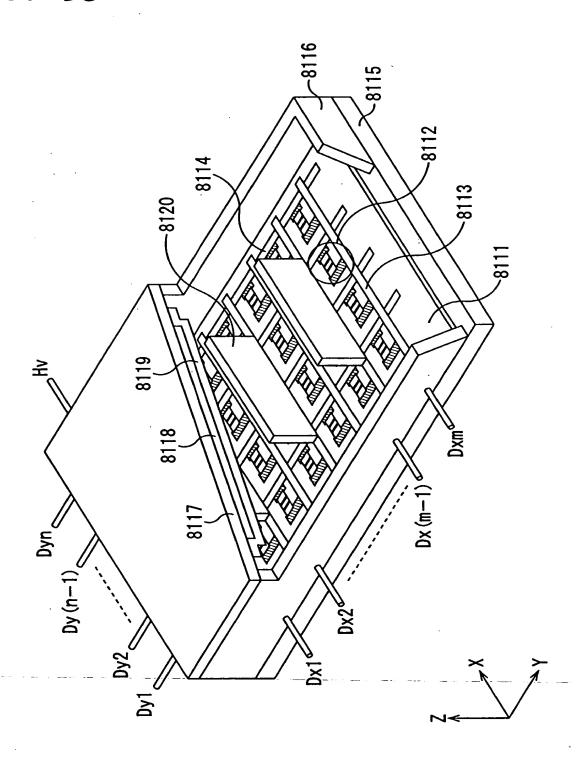


FIG. 97

